

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,150,513 B2
APPLICATION NO. : 10/789819
DATED : December 19, 2006
INVENTOR(S) : Osamu Shinkawa et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 25, line 19: "go" should be -- g_o --

Col. 26, line 5: " $dV/dt = I_s/C_1$," should be -- $dV/dt = I_s/C_1$, --

Col. 26, line 33: "go" should be -- g_o --

Col. 51, line 61: "1 B" should be -- 1B --

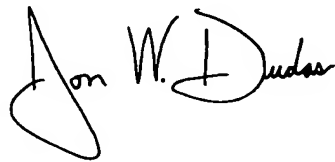
Col. 66, line 25: after "wherein:" start new paragraph with "said"

Col. 66, line 51: "said-a_cavity" should be -- a cavity --

Col. 69, line 52: "idles that;" should be -- judges that: --

Signed and Sealed this

Sixth Day of January, 2009

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a distinct "D".

JON W. DUDAS
Director of the United States Patent and Trademark Office